Class "B".

NOTES

MYSORE GOVERNMENT SECRETARIAT

File No. PWD 25 MMP 66

Department of Public Works

Section Major Irrigation

Subject:
Terms of reference of the major Irrigation Projects Central Board

References:

Date	To whom sent	Notes and instructions

Notes pages.....10.....
Correspondences pages.....34.....
Class.....B.....
To be kept in Section Note Book.....
To be destroyed after.....

Under Secretary to Government.

20/8/66.

29/9/66

18/4/66
25/5/66

(4)

GOVERNMENT OF MYSORE

CONFIDENTIAL:

Office of the Chief Engineer, PWD,
Irrigation Projects in Mysore,
'Park House', Bangalore-1

No. 18/P

Dated 16th April 1966.

To

The Secretary to Government,
Public Works Department,
'Vidhana Soudha', BANGALORE.

Sir,

Sub:- Terms of reference of the Major Irrigation Projects Control Board.

Ref:- Government letter No.PWD 7 GBH 64 dated 15-1-1965. → flag "B"

===

1) In the above mentioned Government letter, it is stated that the Major Irrigation Projects Control Board has to deal with Major as well as Medium Projects in the State.

2) For obvious reasons, it would neither be desirable nor expedient to bring the Medium Irrigation Projects within the purview of the Major Irrigation Projects Control Board.

3) I therefore request you to move the Government to amend the terms of reference of the Major Irrigation Projects Control Board to include only the Major Irrigation Projects in the State.

Very urgent

Yours faithfully,

(I.M. MAGDUM)
Chief Engineer, PWD,
Irrigation Projects.

--:o:--

Supt→Major I Letter
Pl put up the Case papers
19/4/66

SECRETARY TO GOVERNMENT
No. PWD 224
18 APR 1966
PUBLIC WORKS & ELEC. DEPT.

MYSORE GOVT. SECRETARIAT
No. 1717
18 APR 1966
PUBLIC WORKS (MAJOR IRRIGATION)

Today.
KRS
18/4/66

B w 22.3.12.64

By copying the cabinet note in respect of Harihara project, extract from the proceedings of the Fifty Fifth meeting of the Committee of Ministers held on 23.12.64 and a copy of Govt letter No PWD 7 GBH 64 dated 15-1-1965 in it is stated that the Major Irrigation Projects Control Board has to deal with Major as well as medium projects in the State are placed below

P.T.O.

2/

PDF 1717/MG-66.

5) Re constitution of M.I.P.C. Board for wider consideration. This reference also may be worked in this file.

LAK 19/4/66

5) The letter of the Chief Engineer on the previous page may please be seen in which he has requested that the terms of reference of M.I.P.C. Board may be modified so as to bring under its purview only the Major Irrigation Projects in the State instead of Major and Medium Irrigation projects. In this connection the copy of the Cabinet decision and the letter (Flags A & B below) may please be seen in which the Chief Engineer was requested to have the Karinala project (Medium Irrigation Project) examined by the M.I.P.C.Bd. and its Technical Sub committees. If the present suggestion of the Chief Engineer is acceptable, necessary indications about the modifications in the terms of reference could be included in the G.O. which is shortly to be issued about the continuance of the MIPC Bd. and its Technical Sub committees.

Submitted for orders.

19/4/66.

7) Whether it is a Major or Medium Project, the main object in referring the matter to MIPC and the Tech. Subcommittee is to obtain the Technical opinion of certain experts. Therefore there should be no bar for the MIPC to look into a Medium Project, ~~even directed by Govt~~. The proposal of CE to put a bar or exclude the Medium Projects from the purview of MIPC is not reasonable.

SECRETARY TO GOVERNMENT No. PWS 2026 Date 21 APR 1966 PUBLIC WORKS & ELEC. DEPT.

JOINT SECRETARY TO GOVT. No. 427 21 APR 1966 PUBLIC WORKS DEPARTMENT

DS / DS / Fee

9) 21/4 Jt. Secy. to Govt., P.W.D.

8) 20/4/66 M. CHANNAPPA. Dy. Secy. to Govt. P.W.D. (Irrgn.)

10) pl. put up the papers dealing with the constitution & functions of the MIPC Board. 22/4

contd →

Reference and markings	Notes and Orders	Para Numbers

11) papers relating to the constitution and functions of the M.I.P.C. Board and its Technical Sub-Committee have been put up along with the file No PWD) 11 MM 166 cited marked to D.S. on 11.4.66 on return of the file back the same will be put up for perusal. U/R to para 10. above.

12) 29/4/66 30/4

13) Typing part. may be requested. to take 6 six copies of the G.O. No PWD 87 MGL 60 dated 17.1.1961 vide flag 'C' from the file No PWD 16 MM 966 placed below. as the same is required U/R to para. 10. P. 3-6 of the file

14) 13/5/66 (TYPING ROOM) 15) 16/5

16) A. copy of the G.O. No PWD 87 MGL 60 dated 17th January 1961. regarding

Note Continuation Sheet

Subject..... File No.....

WD 014899—GPB—8,00,000—5-12-64

Reference and markings	Notes and Orders	Para Numbers

powers and functions of the H.I.P.C Board and Rules of procedure and Business. is placed below vide flag 'K'

CW.

1) Pl. place letter No 61/P dt 16.5.66 & the CE Dp in this file and wash up.

Sd/-
20/5/66

Letter No 61/P. dated 16.5.66 from the Chief Engineer I.P. Bangalore

Govt has accorded approval to the constitution of H.I.P.C. Board and the Technical sub-committee of the H.I.P.C. Board from 1st April 1966 to the end of March 1971 and as the Chief Engineer I.P. was nominated in the said, the terms of the reference of Major Irrigation projects Committee Board includes subjects pertaining to Medium Irrigation project as well.

8)

Finishing space

Note Continuation Sheet

Subject..... File No.....

Reference and markings	Notes and Orders	Para Numbers

19) In this regard he has further stated that it is not normal to bring medium irrigation projects within the purview of the M.I.P.C Board. The practice in other States is to constitute major irrigation project control boards for costing more than 25 crores; there are no control boards for medium irrigation projects. The inclusion of the medium irrigation works within the purview of the major irrigation projects Control Board would result in the above deviations mentioned at 'A' in P12-13/CF

20) For the reasons mentioned above that the medium irrigation projects are excluded from the purview of the M.I.P.C Board the immediate effect would be cases pending with the Board to be disposed of with out waiting

Stitching space

6

Note Continuation Sheet

Subject..... File No.....

WD 814859—GPB—8,00,000—17-6-60

References and markings	Notes and Orders.	Para Numbers

for consultation with the Control Board.

21) In the above circumstances the Chief Engineer I. P. has requested that for the issue of sanction orders dealing with medium irrigation projects the purview of the M.I.P.C. Board.

23/5/66

22) The Major Irrigation Projects Control Board came into existence in the year 1960 as per the Govt.Order dated 24-9-60 placed at page 10 Cf. Its powers and functions are specified in the order dated 17-1-61 a copy of which is at pages 11-14 Cf. In those orders it is stated that the M.I.P.C.Board will deal with Major Irrigation Projects. However, in the preamble to Govt.Order No.PWD 13 MSC 61 dated 28-6-61 it has been mentioned that Medium Irrigation Works come under the purview of the M.I.P.C. Board. Later on in Govt.Letter No.PWD 7 GBN 64 dt.15-1-66(P.7 Cf) the C.E.IP, has been informed that as ~~and~~ Medium Irrigation Projects come under the purview of the M.I.P.C. Board, matters

Stitching space

Note Continuation Sheet

Subject..... File No. WRI 2.5 MMI 66

WD 214889—GPS—5,00,000—17-6-66

References and markings	Notes and Orders	Para Numbers

relating to Narinala Project be placed before the Board. In the preamble of the recent Govt.Order No.PWD 11 MMI 66 dt. 11-5-66 reconstituting the Board and continuing it till end of March 1971, also it is specifically mentioned that Medium Irrigation Projects come within the purview of the Board. Further, all these years, several matters relating to Medium Irrigation Works have actually been placed before the Board and considered by it. Now, in the circumstances explained in his letter ~~xxxx~~ at paras 1-3 of Notes ~~xxx~~ above and also in the letter at pages 8-9 Cf. the Chief Engineer has requested for Medium Irrigation Projects being excluded from the purview of the Board.

P 15 – 17 Cf

Vide A on pages 25-27 Cf.

23) Submitted for consideration and orders.

Ref: paras 1 – 10 above

Ks
23/5/66.

24) In the preamble of the GO dated 11-5-66, reconstituting the MIPC. Board it has been stated that it is desired necessary to continue the board "with a view to have timely consideration of important technical and cost as administrative matters relating to the large number of Major & Medium Irrigation Projects".

25) In the ~~preamble of~~ the GO. dated 24-9-66, wherein the MIPC. Board was constituted

Stitching area

8.

Note Continuation Sheet

Subject.....

File No. PWD25 RTP 66.

Reference and markings	Notes and Orders	Para Numbers

for the first time, it was laid down that the Board will review periodically the programme & progress of all Major Irrigation Projects.

26) Again vide G.O. dated 17-1-61, the functions of the Board were made more broad based so as to include the review of estimates, tenders, specifications etc. also.

27) The Board is at present reviewing the progress of all Major Irrigation Projects. The technical subcommittee is reviewing the fresh project estimates prepared by the CE. Investigation.

28) All subjects placed for discussion vide the Tech. Subcommittee of TIPE, are not as a matter of routine but only if ordered to be done so by Govt. Therefore the presumption of the CE.IP, that all medium projects will come under review of the TIPE Board is not correct. only important & administrative matters on which Govt. desires to have the opinion of the Tech Subcommittee TIPE. Board, come for discussion in that body. Therefore there may be no need to review the G.O.

DS
DS
Sec. (Irr)

29 26/5/66 25/5
M. CHINNAPPA
Dy. Secy. to Govt. P.W.D. (Irr.)

30) 26/5

Binding space

SECRETARY TO GOVT. * No. 1995 * 26 MAY 1966 * PUBLIC WORKS DEPARTMENT

Note Continuation Sheet

Subject..... Harinal Project..... File No. PWD 25 MNJ 66

Reference and markings	Notes and Orders	Para Numbers

(31) The Joint Secy.. has directed that this may be put up to the Secy., after his return.

D.S.(I) P.A. to J.S. 27/5

1/6/66

M. CHANNAPPA
Dy. Secy. to Govt. P.W.D. (Irrgn.)

Secy P.WD)

(32) M.I.P.C. Board need not generally be entrusted/burdened with the medium projects. However complicated issues of Technical nature could be referred whenever such a consultation is considered necessary. The position may be made clear as above

CHANDAPPA PATEL
Secy. P. W. & Elecy. Dept.

(33) C. M. 7/6/66

(34) 8/6

Secy (PWD) (35) 8/6

(36) 9/6

OTO

Initialling space

SECRETARY TO GOVERNMENT No 3431 1 JUN 1966 PUBLIC WORKS & ELEC. DEPT.

SECRETARY TO GOVERNMENT No..... 8 JUN 1966 PUBLIC WORKS & ELEC. DEPT.

OFFICE OF THE MINISTER FOR No 2630 6 JUN 1966 BANGALORE.

10

Note Continuation Sheet

Subject ..... File No. PDP 25 GMP 66.

WD 614393—GPB—8,500,000—1-66.

References and markings	Notes and Orders	Paragraph number

39) A draft letter to CE. I. is put up for approval at f 37-32/f

38) Dept is concerned.

13/6/66

13/6/66

17/6/66

M. CHANNAPPA,
Dy. Secy. to Govt. P.W.D. (Irrgn.)

40) Issued

41) It appears no action is necessary. This file may be closed as 'B' Received

23/6/66

23/6/66

Retaining space

SECRET. PWD.7 GBH.64.

CABINET NOTE.

Subject:- C.276/64.
Harinala Project in Belgaum District.

The proposal to harness the waters of Harinala in Belgaum District, a tributary to the Malaprabha, for purposes of irrigation has been under consideration for the last four decades. Several alternatives have been examined in this connection from time to time and it has now been finally decided to construct a Reservoir on this Nala at a suitable site fixed near Tigadi village in Bailhongal Taluka and to utilise the storage so secured for irrigation a total extent of about 11350 acres.

2. The catchment area of Harinala at the site of Dam is 39 square miles and the average annual rainfall is about 40 inches. The quantity of water available annually is calculated at about 1092 M.C.ft. The effective capacity of the Reservoir will be 700 M.C.ft. and the gross capacity 770 M.C.Ft. which gives a sufficient silting margin.

3. From Trial Pits taken at the site of the Dam, it is seen that rocky foundation is not available, suited for a masonry Dam. Hence it is proposed to put up an earthen Bund of a maximum height of 69 ft. above the Nala bed. The length of the Bund will be 7450 ft. Necessary surplus works to dispose off the flood discharge have been provided in the estimate.

4. Two Canals - One on the right bank of 100 cusecs capacity and the other on the Left Bank of 25 cusecs capacity taking off from the outlets of the Reservoirs have been provided to irrigate lands on both the banks. The length of the right bank canal is 9 miles - 3700' and irrigates the lands of Tigadi, Kalur, Pottihal, Naginhal, Hosur and Mugatkan Hobli. The Left Bank Canal is 6 miles and 4300 ft. long and irrigates the lands to Tigadi, Yergop, Sampagaon and Snikop villages. The gross and the net commanded areas of the project are in the order of 15,000 and 12,750 acres respectively out of which the area proposed to be irrigated is 11350 acres.

5. A total area of 1383 acres consisting of 250 acres of Garden and 1133 acres of dry land comes under sub-mergence of the proposed Reservoir. In addition to this, an area of 200 acres of land will have to be acquired, for Head works. Canals, staff and labour Colony etc. No important roads and other properties will be sub-merged under the proposed lake. Two cart tracks connecting Tigadi with Navalgatti and Nesarg will be affected. Necessary provision for directing these cart tracks has been made in the estimate.

6. In G.O.No. PWD.46 MGL.59 dated 16-8-1960 administrative approval was accorded to the estimate amounting to Rs. 83.48 lakhs for the construction of an earthern Dam across Harinala near Tigadi village and the Chief Engineer, I.P. was requested in Government letter dated 7-9-60 to forward proposals for sanction of staff required. A special Sub-Division with full staff was sanctioned in G.O.No. PWD.46 MGL.59 dated 21-11-1960.

p.t.o.

7. There were some representations to Government against the proposed construction. The then Minister visited the Project site on 17-5-1961 and made thorough enquiries and it was decided that the project should be taken up as previously sanctioned. The Chief Engineer, I.P. was again informed in Government letter dated 10-8-61 to proceed with the project work as already sanctioned.

8. Tenders were invited by the Chief Engineer, I.P. for earth work to Dam cost of which was Rs. 41.11 lakhs. Of the 3 tenders the tender of Shri M.S.Ramaiah was the lowest one. He had put forth 4 conditions and on negotiating he withdrew one of the conditions. All the conditions of the contractor were accepted by Government on 20-1-62 except the grant of loan free of interest. The contractor was requested to execute the Agreement who in turn informed the Chief Engineer, I.P., that all the conditions put forth by him are not the same as sanctioned/by Government. The Chief Engineer, I.P., requested Government again to reconsider the orders passed by Government and also recommended that the hire charges of machinery to be given to the contractor may be charged as per rates prevailing in the Bombay Karnatak area as per Bombay P.W.D. Manual Vol.II. The proposal for charging the machinery as per Bombay P.W.D. Manual was accepted and that interest free loan was not accepted by Government since it was not stipulated in the original tender (as per Government letter dated 25-8-1962).

9. The Chief Engineer (I.P.) instructed the Superintending Engineer, Irrigation Investigation Circle Dharwar for finalising the agreement. It was stated that the contractor did not come forward for signing the agreement and in turn he again represented that he is agreeable to his original conditions and he also requested for current market rates since the rates had gone up in the meanwhile due to lapse of 1½ years, from the date of his tender. The Chief Engineer, I.P., after negotiations with the contractor recommended to Government to accept the revised cost of the works for Rs. 61,77,170/-. This proposal was examined and it was opined that it was not possible to accept the negotiated rates since the contractor had gone back completely on his original tender rates. The whole matter was placed before the Chief Minister for orders on the proposal of the Chief Engineer. As per orders of the Chief Minister final instructions were issued to the Chief Engineer, I.P. on 3-10-1963 and 21-1-1964 to cancel the tender of Shri M.S.Ramiah with the levy of penalties as per rules and to take up the following works for execution by calling for fresh tenders or it may be taken up on piece work system if that is more advantageous:

1) Earth work to Dam
2) Waste-weir
3) Approach and tail channels
4) Left and Right Bank outlets.

10. After about ten months the Chief Minister, I.P. made a report to Government on 14-9-1964 stating that the cost of the project has gone up to Rs. 195 lakhs as against Rs. 83.41 lakhs as per comparative statement appended to this Cabinet Note. The nex excess over the original estimate is Rs. 1,11,59,500. The details of the expenditure have been worked out by the Chief Engineer, (I.P.). As the cost of the project has gone up considerably on account of increase in the rates, increase

....3

in quantity, inclusion of additional items of work and relative increase in Establishment charges, Tools and Plant etc., the file was submitted for orders of the Chief Minister. The Chief Minister discussed the case with the Chief Engineer (I.P.) and has minuted as under:

"Discussed with the Chief Engineer (I.P.). He says that the estimate has gone up considerably from Rs. 83 lakhs to 195 lakhs and that as it is an earthen dam it may be rather taking too much of a risk if we give small contract of Rs. 10,000/- each according to codal rules as that process of having contractor, the quality and uniformity of the work may not be easily maintained and there would be the difficulty of fixing the responsibility on the contractor as there would be too many and too small. He suggests that it would be better if we can have the work distributed among medium contractors 4 or 5 in number or have one major contractor

As the amount has gone up considerably, the matter may come up to the Cabinet very early.

A Cabinet note may be prepared."

11. The revised project estimate amounting to Rs. 195 lakhs is therefore submitted for approval of the Cabinet under Rule 9(xiii) of the Rules of Business.

M. Channappa 14/12/64

(M.Channappa),
Dy. Secretary to Government,
Public Works Department.

Dft.approved by ()
Secretary,PWD. ()

H.S.N.Rao).

ENCLOSURE TO CABINET NOTE C.P.No.

HARINALA RESERVOIR PROJECT.

COMPARATIVE STATEMENT SHOWING THE SANCTIONED COST AND THE REVISED COST.

Sl. No.	Details.	As per sanctioned estimate.	As per the revised estimate.	Excess.	Less.	Remarks.
1	2	3	4	5	6	7
1.	Sub Estimate No.1 A- Preliminaries.	15,000	50,000	34,000	-	Increase due to inadequate provision in the original estimate etc., The main excess is due to provision for trial bores at site, etc.
2.	Sub Estimate No.2 - B.-Land.	20,81,500 (including cost of abatement of land revenue).	26,83,300	6,01,800	-	The increase is due to increase in provision under Land Compensation and rehabilitation.
3.	Sub Estimate No.3 - C-Works.	48,61,500	1,11,53,500	62,92,000	-	The original estimate was prepared with 1957-58 with schedule of rates of Belgaum Division. The present estimate is based on current rates based on leads after detailed investigation. Further, increase in provision is made in the surplussing arrangements based on the experience on Dharma Project.
4.	Sub Estimate No.4 - K- Buildings.	1,34,300	3,73,000	2,42,700	-	The increase is as per actual requirement and due to increase in rates from 57-58 and 64-65.
5.	Sub-Estimate No.5 - O-Miscellaneous.	94,600	3,52,000	2,57,400	-	The increase is due to increase in cost of approach road and other items.

..... 2

Enclosure to Cabinet Note C.276/64

Harinala Reservoir Project.

6.	Sub-Estimate No.6 - P.Maintenance.	21,000	1,00,000	79,000 -	Due to inadequate provision in original estimate.
7.	Sub-Estimate No.7- C-Special Tools & Plants.	1,50,000	30,00,000	28,50,000 -	Due to inadequate provision in the original estimate.
8	Sub-Estimate No.8 - III Canals & Distributaries.	9,29,800	20,88,300	11,58,500 -	The major increase in cost is due to rise in rates from 57-58 to 64-65.
	Total:-	82,85,500	1,98,00,100	1,15,14,600 -	
	Deduct salvage value of Special T&P and Buildings.	1,25,000	15,49,760	14,24,760	
	Total:-	81,60,500	1,82,23,465	1,00,36,090 -	
	Add for establishment charges.	1,80,000	10,65,000	8,85,000 -	
	Ordinary T &P at 1% of C-Works.		1,11,535	1,11,535 -	
	Indirect charges, ie., Abatement of Land Revenue		73,125	73,125 -	A sum of Rs.59,375/- was provided in the sanctioned estimate under "B" Land which included the cost of Rs.20,81,500 under "B" Land of original sanctioned estimate.
	Net cost of the Project	83,40,500	1,95,00,000	1,11,59,500	

Sd/- x x x
Chief Engineer,
Irrigation Projects, Bangalore.

BRN/15-12-64.

b

EXTRACT FROM THE PROCEEDINGS OF THE FIFTY FIFTH MEETING OF THE COUNCIL OF MINISTERS HELD AT BANGALORE ON 23RD DECEMBER, 1964.

Subject:- C.276/64.

54) Harinala Project in Belgaum District.

DECISION OF CABINET

This may be examined by the M.I.P.C. Board and their views placed before the Cabinet.

(SD) S.Nijalingappa,
23.12.64
Chief Minister.

Secretary, P.W.D.

(SD)M.C./ 24.12.64

PWD 1859 IDIG 64.

55) Draft submitted for sonsideration.

56 Issue

Initial (M.ChannaPPa)
26.4.64.

EXTRACT

(SD) Dy.Secy.to Govt.GAD.
23.12.64

kgs

GOVERNMENT OF MYSORE

No. PWD 7 GBH 64.

MYSORE GOVERNMENT SECRETARIAT,
VIDHANA SOUDHA,

FROM

Dated, Bangalore, .15.1.....1965

Secretary to the Government of Mysore,
PUBLIC WORKS & ELECTRICITY DEPARTMENT

To

The Chief Engineer,
Irrigation Projects,
B a n g a l o r e.

Sir,

SUBJECT: HARINALA PROJECT.

With reference to your letter No.429/P dated 31.12.64 on the subject I am directed to state that as would appear from the perusal of preamble of G.O.No.PWD 13 MSC 61 dated 28.6.1961 the Major Irrigation Projects control Board has been constituted to function as the control Board for all major and medium Irrigation works in the State. The constitution of Technical Sub-Committee has been ordered in the same Government Order. In the circumstances I am to request you kindly totake action immediately to place the matter vefore the Major Irrigation Control Board and the Technical Sub-Committe thereof and send the recommendations of these bodies to Government.

In this particular case Cabinet have desired that the project to be examind by the Major Irrigation Projects control Board and their views placed before the Cabinet.

This may kindly be treated on top-priority.

Yours faithfully,

(SD) M.CHANNAPPA,
Deputy Secretary to Government,
Public Works Department(I).

'COPY'

GOVERNMENT OF MYSORE.

Office of the Chief Engineer, P.W.D.,
Irrigation Projects in Mysore,
'Park House',Bangalore-1.

No. 61/P

Dated 16-5-66

To

The Secretary to Government,
Public Works & Electricity Department,
"Vidhana Soudha",
Bangalore-1.

Subject:- Constitution of the Major Irrigation Projects Control Board.

Reference:- Government Order No.PWD.11.MMI.66 dated 11-5-1966.

...

Sir,

In the above mentioned Government Order, the term of the reference of the Major Irrigation Projects Control Board includes subject pertaining to Medium Irrigation Projects as well.

In this regard, I would like to bring to the kind notice of the Government that it is not usual to bring medium irrigation Projects within the purview of the Major Irrigation Projects Control Board. The precedent in other States is to constitute Major Irrigation Project Control Boards for Projects costing more than Rs.25 Crores. There are no control boards for medium irrigation projects. The inclusion of the medium irrigation works within the purview of the Major Irrigation Project Control Board would result in the following disadvantages.

a) The work of the Control Board would increase enormously and consume the time of a large number of officials connected with the control board.

b) Since the Control Board meets at longer intervals, the matters pertaining to medium irrigation projects required to be placed before the Control Board get delayed and consequently the progress on the works is affected.

c) Once the constitution of the Control Board requires that the Medium Projects should also be included in its purview, it is obligatory to send cases to the Control Board; thus, matters which could be settled at the Government level speedily without consultation with the Control Board unnecessarily get delayed.

d) The matters pertaining to the medium irrigation projects generally do not involve any important technical problems but usually all connected with contracts or claims and therefore these matters should normally be within the competence of the Government independent of consultations with the Control Board.

e) The cost of medium projects in many cases does not exceed the cost of similar works in the Zone of Communications and Buildings, Public Health and so on. In the case of works costing crores in the Zone of Communications and Buildings and Public Health these matters are dealt with by Government independent of any Control Board and therefore it would only be a desirable analogy that should be drawn between medium irrigation projects and works of a similar magnitude in the Zone of Communications and Buildings, Public Health etc.,

(Contd.....P/2)

For the reasons mentioned above, it is desirable that the medium irrigation projects are excluded from the purview of the M.I.P.C.B. with immediate effect and the cases pending with the Government be disposed of without waiting for consultation with the Control Board.

I have tried to mention above some of the salient points connected with this question. From a perusal of the Government Orders in the past there does not appear to be sufficient justification made out for inclusion of the medium projects within the purview of the M.I.P.C.B. I, therefore, request you to move the Government for the issue of modified orders deleting the medium irrigation projects from the purview of the M.I.P.C.B.

Yours faithfully,

(I.M.Magdum)
Chief Engineer, PWD.,
Irrigation Projects.

'C

S.O.

GOVERNMENT OF MYSORE

PUBLIC WORKS DEPARTMENT.

G.O. No. PWD 87 MGL 60, dated 24th September 1960 (Asvija 2, Saka Era 1882).

Constitution of Major Irrigation Projects Control Board

READ—

1. Government Order No. P. W. 7941-50/Irrgn. 1-53-57, dated the 28th November 1953, ordering among other things the constitution of the Bhadra Reservoir Special Committee with the personnel noted therein.

2. Government Order No. PWA. 9308-18/KRS 9-55-10, dated the 20th January 1956, appointing the Chief Electrical Engineer as a member of the above Committee.

3. Government Order No. PWD 2 BRC 58, dated 28th March 1958, constituting the Bhadra Project Board for a period of 3 years with effect from 1st April 1958.

PREAMBLE—

1. The Bhadra Project Board was constituted in the year 1958 for reviewing the programme and progress of works and for examining and procuring the equipment required for speedy execution. It is seen from the working of the Board for the last 2 years that it has been helpful in advising on ways and means of expediting progress on the work.

2. The other Major Irrigation Schemes like the Ghataprabha and Kabini which are now under execution have no such controlling Boards. It is considered necessary in the interests of achieving rapid progress of all the Major Irrigation schemes in the State that a Control Board be constituted for all the major irrigation projects under execution including Bhadra.

ORDER THEREON No. PWD 87 MGL 60, DATED BANGALORE, THE 24TH SEPTEMBER 1960 (ASVIJA 2, SAKA ERA 1882).

Government are pleased to constitute a Board with the title ' Major Irrigation Projects Control Board ' for a period of 2 years with effect from 1st October 1960, with the following personnel:—

1.	Minister for P. W. and Elec.	...	*Chairman*
2.	Sri M. S. Thirumalai Iyengar, ISE, Advisor to Government of Mysore	...	*Member*
3.	Secretary to Government, P. W. and Elec.	...	,,
4.	Secretary to Government, F. D.	...	,,
5.	Secretary to Government, P. and D. Department	...	,,
6.	Chief Engineer (I. P.), Munirabad	...	,,
7.	Sri M. Narasimhiah, B.A., C.E., M.I.E., Chief Engineer (Retd.)	...	,,
8.	Sri B. S. Narasinga Rao, B.A., B.E., Chief Engineer (Retd.)	...	,,

The Board will review periodically the programme and progress of all Major Irrigation Schemes under execution in the State and advise Government from time to time on the targets to be fixed and the measures to be adopted for realising the same according to a phased programme.

The Officer on Special Duty in P. W. Department will be *Ex-officio* Secretary to the Committee.

No. PWD 87 MGL 60, DATED 24TH SEPTEMBER 1960.

The non-official members of the Board will draw the sitting charges, Travelling Allowance and Daily Allowance on the scales prescribed in List 'A' of the Annexure to the Mysore Travelling Allowance Rules, 1957. A sitting fee of Rs. 20 per meeting is allowed to the non-official members. The non-official members are allowed to draw Sitting Fees in addition to T. A. and D. A. if the meetings are held outside Bangalore. They are allowed to avail this concession till the end of current year.

The Bhadra Project Board constituted in Government Order No. PWD 2 BRC 58, dated 28th March 1958, stands abolished from 1st October 1960.

By Order and in the name of the Governor of Mysore,

C. J. VENKATESA DAS,
Deputy Secretary to Government,
Public Works and Electrical Department.

To—The Accountant General, Mysore, Bangalore (through Finance Department).
The Secretaries to Government.
Members of the Board.
The Director of Printing and Stationery, Bangalore.

Exd.—A.N.N.

WL 3673—GPB—530—4-9-61

PROCEEDINGS OF THE GOVERNMENT OF MYSORE.

Sub: Powers and Functions of the Major Irrigation Projects Control Board constituted in G.O.No.PWD 87 MGL 60, dated 24.9.1960 and Rules of Procedure and Business.

ORDER NO: PWD 87 MGL 60 BANGALORE DATED THE 17th January 1961

With a view to ensuring efficient, economical and speedy execution of the several major irrigation projects undertaken by the State the Government of Mysore constituted in Government Order No.PWD 87 MGL 60, dated 24.9.1960 and 3.11.1960 the "Major Irrigation Projects Control Board" which consists of the *Marginelly noted officers and non-officials (Retired Chief Engineers). The Board which has representatives of the concerned Deptt.s of Govt. as Members and the Minister for P.W.& Electricity as Chairman is competent to take decisions on behalf of Government. In order to see that there is no delay either in calling for tenders or deciding tenders, for according approvals to modifications and revisions, etc. it is considered necessary to empower this Board to make quick action on these urgent matters in anticipation of approval of Government. It should function more or less like the Control Boards elsewhere in India such as the Hirakud Control Board, etc., and with this end in view, Government hereby orders that the following would be the powers and functions of the "Major Irrigation Projects Control Board".

*

1. Minister for P.W. & Elecl. — Chairman
2. Sri M.S.Thirumalai Iyengar, ISE Adviser to Govt.PWD. — Member
3. Secretary to Govt. PW&E.Deptt. — "
4. Secretary to Govt. Finance Deptt. — "
5. Secretary to Govt. Planning & Dev.Department. — "
6. Chief Engineer, Irrign.Projects — "
7. Sri M.Narasimhiah, BA,BE,MIE, CE (Retired) — "
8. Sri B.S.Narasinga Rao, B.A.,BE., CE (Retired) — "
9. Sri K.S.Gangadhara, BE CE (Retired). — "
10. Sri H.Ananthachar,BE,AMIE CE (Retired). — "
11. Officer on Spl.Duty, PWD Ex-Officio Secretary

1. To scrutinise the estimates prepared from time to time by the concerned Chief Engineers and to advise necessary modifications and recommend the estimates for administrative approval of Government.
2. Examine and approve from time to time the delegation of such powers both technical and financial as it may deem necessary for the efficient execution of the Major projects to the Chief Engineer/Superintending Engineer/Executive Engineer/Assistant Engineer engaged in the execution of the Projects.
3. Examine and where necessary, lay down specifications and schedule of rates for various clauses of work with a view to sound and efficient execution of the Projects;
4. Approve all sub-estimates and contracts, the cost of which exceeds the powers of sanction of the Chief Engineer.
5. Approve all proposals for award of work or supplies on contract other than those based on public tenders and purchase of stores which are all beyond the powers of the Chief Engineer and on detailed quantities estimates and work allotted on work order basis on schedule rates;
6. frame rules as to delegation of powers and proceedure for the purpose of carrying out business;

7. decide the programme of construction of different parts of the project keeping in view the funds available, the economies of the projects and desirability of obtaining quick results.

8. decide on the stage development of water power and withdrawals of water from the reservoir during the construction period for irrigation and power purposes with a view to securing best use of water available.

9 securtinise the estimates and accounts of expenditure incurred in resettlement and rehousing of the dispossessed persons including land acquisition and connected charges.

10. receive monthly progress reports both as to works and expenditure in a prescribed form from the concerned Chief Engineer, review progress of different units of the projects and lay down steps to be taken to expedite the work;

11. All decision taken by the Board will be submitted to Government for formal ratification and in urgent cases, the decision of the Board may be implemented by the Department in anticipation of ratification of Government, by a resolution of the Board to that effect.

12. Rules of procedure and business of the Major Projects irrigation Control Board are appended with this.

By Order etc.....

sd. C.J.Venkatesa Rao,

Deputy Secretary to Government, PWD.

/ c o p y /

Rules of procedure and Business of Major - Irrigation Projects Control Board.

The rules of procedure and business of the Major Irrigation Projects Control Board may be divided into three parts:-

I. General Procedure.
II. Special Procedure for dealing with estimates.
III. Special Procedure for emergency sanctions.

Part I - General Procedure:

1. All matters requiring the attention of the "Major Irrigation Projects Control Board" will be addressed to the Secretary to the Board.

2. All references to the Board should ordinarily be made in the form of a self-contained letter or note but if the authority concerned so desires, it may send its office file clearly indicating the points to be brought to the notice of the Board requiring their sanction.

3. On receipt of a reference, a note for the consideration of the Board will be prepared by the Secretary under such general or specific directions as may be given to him from time to time by the Chairman of the Board. The Secretary's note should particularly bring out the points on which orders of the Board, if any, are required and should be sent to the Members of the Board and to the Chief Engineer and Initiating authority concerned as soon as ready.

Note:- The Members should send their proposals to the Secretary as they arise and the Secretary should, after due examination, circulate the item and the memorandum to the members as soon as possible. Really emergent items may be brought up by a member at any time and when so brought it should be submitted by the Secretary to the Board even if he is not able to examine the item. It shall be opened to the Board to consider the item or postpone it for consideration at a later meeting.

4. All notes for consideration of the Board issued by the Secretary upto 10 days prior to the date of the meeting will be included in the Agenda for that meeting. The Chairman may permit other items to be included in the Agenda.

5. The decisions of the Board will be recorded in the minutes of the proceedings of the Board and after approval of the minutes by the Chairman, the Secretary of the Board will communicate the decisions to all concerned.

Where the decisions are to be communicated in the form of a sanction by the Government, the Secretary will prepare a draft of such sanction and send it to the Minister for Public Works and Electricity.

Para II - Special procedure for dealing with estimates

6. Every estimate requiring approval of the Board under rule 4 of the constitution of the Board shall be sent to the Secretary of the Board in accordance with rules 2 and 3 above, at least two weeks prior to the date of the Board's meeting at which it is to be considered, the report on the estimate, provision slip and abstract of cost should be in duplicate.

7. On receipt of the estimate, the Secretary will scrutinise it and prepare a note, which will be passed on with papers to the members of the Board.

8. Estimates will be approved after scrutiny by a sub-Committee consisting of non-official technical members of the Board, presided over by the Advisor, Public Works Deptt.
The full details of the estimate as received from the Chief.

Engineer together with plans, will be made available to the Members of the Sub-Committee for Examination.

9. The decisions of the Board will be recorded in the minutes of the proceedings of the Board and after approval of the minutes by the Chairman, the Secretary of the Board will obtain competent sanction and communicate decisions to the Chief Engineer for issue of technical sanction.

Part III. Special Procedure for emergency sanction

10. When any reference is made to the Secretary of the Board it will be assumed that it is to be dealt with in the normal course as in Parts I and II above. If for any reasons sanction is required urgently in anticipation of the Board's approval, the Chief Engineer should make a specific request for the same.

11. On receipt of this reference, the Secretary will prepare a note and obtain orders on it from the Chairman. These orders will be communicated by the Secretary to the authority concerned as in Rules 5 and 9.

12. The Secretary will then include the proposal in the agenda of the next meeting for confirmation of the orders passed by the Chairman. He will, for this purpose, let the Board have a list of the case.

sd.C.J.Venkatesa Das
17.1.1961.

Dy. Secretary to Govt. PWD.

/ c o p y /

PROCEEDINGS OF THE GOVERNMENT OF MYSORE
PUBLIC WORKS DEPARTMENT.

Subject:-Major Irrigation Projects Control Board and its Technical Sub-Committee -- Continuance of the

Read:-1) Government Order No.PWD 115 MGL 62 dated 24-10-1962.

2) Government Order No.PWD 115 MGL 62 dated 24-1-1963.

3) Government Order No.PWD 21 MMI 64 dated 24-11-1964.

4) Government Order No.PWD 21 MMI 64 dated 24-11-1964.

5) Government Order No.PWD 24 MGL 65 dated 6-5-1965.

6) Government Order No.PWD 44 MMI 65 dated 26-7-1965.

7) Government Order No.PWD 36 MMI 64 dated 11-10-1965.

Preamble:-

In the orders read above, sanction was accorded to the reconstitution of the Major Irrigation Projects Control Board and its Technical Sub-Committee and their continuance till the end of March 1966, as also to certain additions and alterations in the Personnel of the Board and its Technical Sub-Committee.

The period of sanction to the Major Irrigation Projects Control Board and its Technical Sub-Committee expired on 31-3-1966. Now, with a view to have a timely consideration of important technical as well as administrative matters relating to the large number of Major and Medium Irrigation Projects on hand either for investigation or for execution, it is considered not only desirable but necessary to continue the Major Irrigation Projects Control Board and its Technical Sub-Committee upto the end of the Fourth Plan period.

ORDER NO.PWD 11 MMI 66 BANGALORE, DATED. 11TH MAY 1966.

Government are pleased to accord approval to the constitution of the Major Irrigation Projects Control Board and the Technical Sub-Committee of the Major Irrigation Projects Control Board, from the 1st April 1966 upto the end of March 1971, with the under-mentioned Personnel:-

1. MAJOR IRRIGATION PROJECTS CONTROL BOARD.

1.Minister in-charge of Irrigation	Chairman
2.Secretary to Government, Public Works & Electricity Department.	Member.

:contd.....

3. Secretary to Government, Finance Department or his representative.	Member.
4. Secretary to Government D.H.P.C. Department.	"
5. Joint Secretary to Government Public Works & Elecy.Department.	"
6. Chief Engineer, Irrigation Projects.	"
7. Chief Engineer, Investigation of Projects	"
8. Chief Engineer for Investigation of Hydro-Electric Construction Projects.	"
9. Member (D & R) Central Water and Power Commission, Govt. of India.	"
10. Director of Agriculture in Mysore	"
11. Shri M.Narasimhaiya, B.E., M.I.E. Chief Engineer, (Retired).	"
12. Shri N.S.Govinda Rao, B.E.(Civil), M.I.E.(Ind), F.A.S.C., F.N.I.etc. Professor of Civil and Hydraulic Engineering, Indian Institute of Science, Bangalore.	"
13. Deputy Secretary to Government, Public Works Department(Irrigation)	Ex-Officio Secretary.

II. TECHNICAL SUB-COMMITTEE OF THE MAJOR IRRIGATION PROJECTS CONTROL BOARD.

1. Chief Engineer, Irrigation Projects.	Chairman.
2. Joint Secretary to Government, Public Works & Elecy.Department.	Member.
3. Chief Engineer, Investigation of Projects, Bangalore.	"
4. Chief Engineer for Investigation of Hydro Electric Construction Projects	"
5. Shri M.Narasimhaiya, B.E. M.I.E. Chief Engineer (Retired).	"
6. Shri N.S.Govinda Rao, B.E.(Civil) MIE (Ind) F.A.S.C., F.N.I.etc. Professor of Civil and Hydraulic Engineering, Indian Institute of Science, Bangalore.	"
7. Deputy Secretary to Government, Public Works Department (Irrigation).	Secretary.

2. The powers, functions and Rules of procedure and business of the Major Irrigation Projects Control Board and the Technical Sub-Committee of the Major Irrigation Projects Control Board will be the same as given to

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3. The non-official members of the Board and its Technical Sub-Committee will be entitled to draw T.A. and D.A. in accordance with the rates specified in list 'A' of Annexure to M.C.S.R. Part -VIII- T Mysore Travelling Allowance Rules 1957. In addition, they will be entitled to draw a sitting fee of Rs. 20/- (Rupees twenty) per meeting. The non-official members are allowed to draw either sitting fees or daily allowance, if the meetings are held outside Bangalore. The T.A./D.A. etc. of the Member (D & R) Central Water and Power Commission will be borne by the Government of India.

4. The expenditure connected with the T.A. and D.A. etc. of the members of the Major Irrigation Projects Control Board and its Technical Sub.Committee is debitable to the grant provided for the purpose under "44-I.N.E.& D. Works (Non-Commercial)- A-Irrigation Works - (ii) Misc. Expenditure -(f) Misc. -Survey Establishment -12 Expenditure connected with Major Irrigation Projects Control Board". The Secretary, Major Irrigation Projects Control Board will be the controlling Officer to operate upon the head of account.

By order and in the name of the
Governor of Mysore,

M Channappa 11/5/66

(M.Channappa),
Deputy Secretary to Government,
Public Works Department,(Irrigation).

To

The Secretaries to Government.

The Heads of Departments.

The Chairman, Govt. of India, Central Water and Power Commission, New Delhi.

The Accountant General (Mysore), Bangalore.

The Joint Secretary to Govt. P. W. & Elecy.Department, Bangalore.

The Chief Engineer, Irrigation Projects, Bangalore.

The Chief Engineer for Investigation of Projects, Ananda Rao Circle, Bangalore-9.

The Chief Engineer for Investigation of Hydro-Electric Construction Projects, Bangalore-9.

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The Member (D & R) Government of India, Central Water and Power Commission, New Delhi.

The Director of Agriculture in Mysore, Bangalore.

Shri M.Narasimhaiya, B.E., M.I.E., Chief Engineer (Retired), 'Geetha', Shankar Mutt Road, Bangalore City.

Shri N.S.Govinda Rao, B.E.(Civil), M.I.E. (Ind), F.A.S.C., F.N.I.etc. Professor of Civil and Hydraulic Engineering, Indian Institute of Science, Bangalore-12.

The Director of Printing, Stationery and Publications in Mysore, Bangalore for printing and supplying 200 copies .

The Director of Publicity and Information in Mysore, Bangalore.

Copy to:-

Private Secretary to the Chief Minister.

Weekly Gazette.

PROCEEDINGS OF THE 18TH MEETING OF THE M.I.P.C.BOARD HELD ON 2.12.1965 AT 10 A.M. IN THE CHAMBERS OF THE CHIEF MINISTER.

-:ooo:-

MEMBERS PRESENT:

1.	Sri S.Nijalingappa, Chief Minister	CHAIRMAN
2.	Sri Chandappa Patel, Secretary,PWD	Member
3.	Sri H.Ananthachar, Retired Chief Engineer.	"
4.	Sri I.N.Magdum, Chief Engineer, (Irrigation Projects)	"
5.	Sri L.T.Aminbhavi, Chief Engineer (Investigation)	"
6.	Sri M.V.A.Setty, Chief Engineer, (Investigation) H.L.P.	"
7.	Sri L.A.Dhamanigi, Deputy Secretary, D.P.H.C.Department.	"
8.	Sri M.Channappa, Deputy Secretary (Irrigation) P.W.D.	Secretary

MEMBERS ABSENT.

1.	Director of Agriculture	Member
2.	Prof.N.S.Govinda Rao	"
3.	Member (D&R), C.W. & P.C.	"

Confirmation of the proceedings of the 17th Meeting.

'Confirmed."

SUBJECTS:-

1. Estimates prepared by the Chief Engineer, requiring scrutiny and advise of the Board for obtaining administrative approval of Government.

NIL

2. Proposal delegation of power to various officers regarding technical and financial matters for efficient management of the project.

NIL

3. Examination and preparation of schedule of rates and specifications.

NIL

4. Approval of Sub-Estimates contracts and purchases exceeding the powers of the Chief Engineer.

NIL

5 (i) & (ii) TUNGABHADRA PROJECT.

The progress report furnished by the Chief Engineer, Irrigation Projects and by the Chief Engineer (I.B) of Tungabhadra Board have been perused. It has been opined that the progress in general is satisfactory. It is now

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programmed to create the full potential on the left bank by June, 1967 and by this time all the field channels are programmed to be completed so that the potential created would be utilised fully.

It was brought to the kind notice of the Chairman that Government have now sanctioned an additional circle for expediting the progress of main canal distributary and field channels. The question of fixing up of Headquarters of the Circle was discussed at length. The Secretary, W.R.D. explained that this matter came up for discussion in the State Working Group and subsequently in the meeting held in the Chief Secretary's chamber on 30.12.65 when the Divisional Commissioner, Gulbarga, urged, that the entire left bank canal should be under the control of one Superintending Engineer with Headquarters at Munirabad and that he should also be incharge of Head works so that the discharges in the I.B. canal at various reaches required for proper regulation of water supply to the lands was maintained. as otherwise if the Headquarters of the other Superintending Engineers were to be at Yermarus and the left bank to be under the control of the two Superintending Engineer, there would be unnecessary correspondence between the two Superintending Engineers thereby hindering the smooth development of the area. The Divisional Commissioner was also of the opinion that the Headquarters of the newly sanctioned circle should be located at Bellary who should be incharge of the Right Bank canal, High Level Canal, Hagaribommanahalli and Hathikoni Projects.

The Chief Engineer (Irrigation Projects) explained that in consideration of the enormous quantity of work to be done in the tail reaches of left bank Canal and also with a view of speedy development of the area, it is desirable that this newly sanctioned circle should be located at Yermarus having jurisdiction over Adderhatti Division upto the tail end. He expressed that there would not be any difficulty in the regulation of water supply to the lands and the fear of the Divisional Commissioner that there would be delay in the Development of the area was not realistic. He also expressed that by locating the new circle at Bellary it would create unnecessary difficulties for want of proper accommodation for office and for residential purpose to the staff and would no in any way contribute for speedy execution of work. He opined that the Headquarters of the new

sanctioned circle should be at Yermarus. After a full consideration of the above issue it was decided by the Board as follows: "The Headquarters of the newly sanctioned Circle may be at Yermarus."

At this juncture it was brought to the notice of the Chairman that the Tungabhadra Board had been releasing about 4,000 and odd cusecs in the Right Bank channel to facilitate power generation and also helping Andhra Pradesh Government to utilise this water in Krishna Delta lower down, and that this release was in contrary to the proposals approved in the sanctioned project. Inspite of repeated letters addressed to the Chairman, Tungabhadra Board for restricting releases strictly in accordance with the sanctioned project and also to the irrigation requirements in the Right Bank Channel the same had not been given effect to on some pretext or the other. Recently Government of India had also been addressed by the Chairman, Tungabhadra Board for orders on this issue under clause (3); of the Notification constituting Tungabhadra Board. This question did not form a matter of dispute between the two States. Therefore it was not correct on the part of the Chairman, Tungabhadra Board, to have referred this matter to the Government of India. The Chairman, Tungabhadra Board, in his telegram dated 30.11.1965 had intimated that Government of India it seems, had ordered release of 3,300 cusecs in R.B.Canal during the month of December; but even this was higher than what was permissible under sanctioned project repot. <u>The Chairman desired that immediately a letter should be addressed to Dr.K.L.Rao, requesting him for issue of orders for regulating the releases on the Right Bank strictly in accordance with the sanctioned project.</u>

5.(3) <u>GHATAPRABHA PROJECT</u>.

The progress on this project as furnished by the Chief Engineer was reviewed by the Board. It was decided that the work should be expedited in view of the fact that the net work of channels had been constructed and that the net work of channels had been constructed and that the development of the Ayacut would be possible, if the storage was there to meet the early monsoon requirements. The Chief Engineer (I.P.) informed that lack of finance was the main bottle-neck for speedy execution of the projects like Ghatapragha, Malaprabha, Kabini etc. and requested that

higher allocations be made for Major and Medium Irrigation projects during the year to come, as it would not be possible to achieve adequate results with the meagre provision of 5 to 6 crores per annum.

5.(4) BHADRA RESERVOIR PROJECT.

The Board desired that the balance work should be completed early and the full potential created as programmed by june 1966.

5.(5) MALAPRABHA PROJECT.

Board also desired that the works of the channels as well as that of the Reservoir should be expedited.

5.(6) KABINI RESERVOIR PROJECT.

Sri Ananthachar, Member, informed that even though resolutions had been passed in the meeting of the M.I.P.C Board previously that at least an allocation of Rs.2 crores be made for this project in order to enable the Chief Engineer to complete this project early, it is seen that adequate provision was not made for this project both during 1965-66 and 1966-67. He urged that in the interest of the early completion of this work and other projects on priority basis adequate allocations be made for Major and Medium Irrigation projects.

He incidentally also referred to the utilisation of the Mysore State's share in waters of the River Cauvery within the period of 1974, as otherwise the State's right would not be recognised after 1974. He urged that projects like Harangi, Hemavathy, Suvarnavathy, Arkavathi, Manchanabele, and other projects in the Cauvery valley should be taken up, without further delay. He further requested that major and medium irrigation Projects should be given higher priority, with greater financial allocations during IV Five Year Plan period.

5.(7) UPPER KRISHNA PROJECT.

The progress on this project has been reviewed by the Board. It was decided that this project should also have the priority after Ghataprabha and Malaprabha.

GENERAL: (a) Construction of Field Channels

The Chairman during review incidently referred to the problem of field channels. It was brought to his kind notice that on consideration of the resolutions made in the State Working Group and also the inherent procedural delays

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involved in the construction of the field channels, it was considered necessary that the field channels should be constructed at Government cost, making suitable provision in the project estimates. The cost of construction of field channels being about Rs.50/- per acre, it would be a small sum when compared with the cost of Rs.1.000/- to Rs.1,200/- per acre in respect of construction of the projects. If the field channels were to be constructed at Government cost by providing requisite funds under the project itself it would eliminate avoidable delay and also the problem of maintenance of accounts and subsequent recovery to be made from the beneficiaries. The Secretary to Government, P.W.& E. mentioned that a draft Cabinet note had already been prepared and the matter was under consideration in the Finance Department, which would come up for consideration of the Cabinet soon. The Chairman desired the matter to be expedited.

(b) The question of allocating adequate provision for major and medium Irrigation Projects in the annual plan of 1966-67 was then considered. The Board felt that at least a sum of Rs.10 to 12 crores per annum was necessary in order to achieve good results in respect of major and medium Irrigation projects, as otherwise at the present rate of 5 to 6 crores of rupees per annum. it would not be possible to complete the major and medium Irrigation projects early, during the IV Five Year Plan. After a detailed discussion the Board passed the following resolution:

RESOLUTION.

" Having considered the necessity and the imperative need for increasing food production in the State and of utilising the water resources to the maximum extent to avoid recurring scarcity conditions in the State, the Major and Medium Irrigation works already taken up should be completed within the 4th Five Year Plan and to that end all avoidable expenditure on other items may be brought down to the minimum. The Government may be requested to take a decision to enable P.W.D. to expedite the *marginally noted projects, so as to complete them before the end of 4th Five Year Plan. The above projects are to be completed in addition to the medium irrigation works now under execution. This is only an attempt to promote irrigation interests of the State and should not in any-way affect the

*1) GHATAPRABHA
2) MALAPRABHA
3) KABINI
4) HARANGI
5) HEMAVATHI
6) UPPER KRISHNA.
7) YAGACHI

other projects which have been sanctioned in ready areas. Irrigation should be given higher priority. Board feels if such a decision is taken and worked up it would expedite the expansion of irrigation in the State and eliminate the dependence of Mysore State on other States for its food requirements. With a view to complete the several Major and Medium Irrigation projects already taken up for execution the Board requests Government to review the plan allocation for 1966-67 and provide at least 12 crores of rupees for major and medium irrigation during the year 1966-67 thereafter."

6. Withdrawal of water for Stage development of Irrigation and Land Acquisition.

-NIL-

7. Scrutiny of Estimates - programme and Progress of Rehabilitation and acquisition.

The note as received from the Special Officer, Tunga and Bhadra Projects, on acquisition and Rehabilitation has been reviewed by the Board. The Chairman remarked even though the projects had been completed some years ago there was lot of delay in land acquisition and payment of compensation to the land owners. In some cases not only the lands had been taken away from the ryots, they were also made to pay Revenue assessment on such lands. This delay should be ended and work in respect of acquisition, Rehabilitation of displaced persons, should be expedited at all stages and completed early.

The Board having considered speedy development of the ayacut under the projects under execution desired that efforts should be made to complete the channels up to the last point by the time the storage was ready. There should not be any time lag in utilisation of the storage effected, as in the case of Tungabhadra and Bhadra Reservoirs. The Chairman desired that it is very necessary with proper planning this objective was achieved at least in one of our major project where the completion of the project should synchronise with the complete utilisation of the potential.

It was also desired by the Board that schemes relating to levelling up of the lands and giving of other credit facilities to the farmers to develop the ayacut area should be so planned as to synchronise with the above so that cultivators could utilise the water immediately it was stored and grow crops quickly. With a view to achieve the

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above objectives the Board resolved as follows:-

"The Board desired that the Public Works, Agriculture, Revenue and Development Departments may evolve a scheme by which the above objective can be achieved and they may after due consultation jointly give suggestions necessary for such coordinated efforts."

8. Establishment and other subjects.

a) ESTABLISHMENT.

-NIL-

b) OTHER SUBJECTS.

i) JAMBADAHALLA PROJECT - ENHANCED RATES TO BE PAID TO M/S. D.L.REDDY & CO. CONTRACTORS FOR EMBANKMENT WORKS BEYOND 15.7.1965.

The Chief Engineer (Irrigation Projects) had reported to Government that the work of earthen Dam relating to the construction of Jambadahalla Reservoir Project had been entrusted to M/s D.L.Reddy & Co. on tender basis (after negotiations) at 13.09% over the estimated amount recast at C.S.R of 1960. The work as per agreement was scheduled to be completed in a period of 24 months from May 1961 to May 1963. Even considering the monsoon period of 4 months in a year for 2 years as extra time the work should have been completed by February 1964. The quantity of work to be done as per sanctioned estimated was 7,80,855 cyds. The quantities of work executed up to April 1963 (to end of agreement period is 3,38,417 cyds.) and to end of March 1965 5,38,064 cyds. The balance quantity yet to be done beyond March 1965 is said to be 3,38,202 cyds.

According to clause 29 of contract agreement the quantities noted in the tender were only approximate and the rates quoted by the contract shall hold good for any quantities higher or lower than the estimated quantities. Clause No.45(i) of the agreement stipulated that time allowed for carrying out the work or for completion as entered into contract, subject to the extension of suchtime as mentioned in clause 47 and shall be reckoned from a week from the date on which the work order to commence the works was issued or the the date on which site was handed over to the contractor whichever was earlier. In this particular case there had been delay both on the part of the contractor and the Department. The contractor had executed the work at his tendered rates up to July 1965, i.e. more than 2 years beyond

the agreed period and had represented in his letter of 16.7.65 that due to rise in the price of labour, materials, food stuffs, diesel oil, and hire charges of the departmental machinery hired to them it was not be possible for him to do the balance works at his tendered rates and had requested for payment of enhanced rates of 30% over the tendered rates.

The Chief Engineer after discussions with the Superintending Engineer and also in consideration of the increase in cost of labour and other materials and also the percentage responsibility of the contractor and the department for the delay has recommended for payment of an extra rate of [illegible] per cyd. over and above the tendered rates as detailed below:-

(a) Embankment work at schedule of rates of 1965-66 Rs.3.04 per cyds.

(b) Embankment work at schedule of rates 1960-61 Rs.2.75 per cyd. Difference 0.65 per cyd.

Considering the over-all delay of 54% on the part of the department and 46% on the part of the contractor it was reasonable that the contractors were paid the enhancement of rates to the extent of which they were not responsible for the delay. The enhancement of rates being Rs.0.65 per cyd. between 1960-61, 1965-66. and the contractor's responsibility for delay being only 46%, the contractors at best to be paid an enhancement of Rs.0.65 X 0.54 = 0.35 per cyd. over their tendered rates of Rs.3.08 per cyd and the same is recommended as against 30% over tendered rates. The extra cost on this account is reported to be 1.14 lakhs.

The above recommendations of the Chief Engineer had also been considered by the Technical Sub-Committee of H.I.P.C. Board held on 24.11.65 and the following recommendations have been made:-

(a) That the rate recommended by the Chief Engineer, that is, Rs.3.43 per cyd. for earth work may be offered to the contractor for the work to be done beyond July 1965.

(b) that the work should be completed in all respects by 1st June, 1967.

c) In the supplemental agreement the penalty clause should be suitably modified to incorporate 2% daily penalty to a maximum of 10% of the contract value.

d) If the contractor does not agree to the above conditions re-rendering should be done."

The above recommendations of the Technical sub-committee was considered by the Board. The Deputy Secretary

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(Budget) F.D. mentioned that the contractors were entitled to the S.R.rate of 1960-61 plus 54% of the difference i.e. 35 paise. The total rate admissible to them was therefore Rs.2.75 + Rs.0.35 = 3.10 per cyd. as aganist the rate of Rs.3.08 + Rs.0.35 = 3.43 per cyd. proposed to be paid to the contractors. The Board however considered that taking into account the delay on the part of Government and increased cost of material and labour and decisions taken in similar cases the rate proposed by Chief Engineer was fair. The following resolution was passed:-

> The recommendation of the Technical Sub-Committee in respect of payment of enhanced rate to M/s D.L.Reddy & Co. contractors, of earth work embankment of Jambadahalla project for the balance work to be done beyond 15.7.65 may be commended to Government for acceptance."

(ii) <u>UPPER KRISHNA PROJECT - EXCAVATION FOR FOUNDATIONS OF ALMATTI DAM - CHAINAGE 0.00 TO 21.95 - RATES TO BE PAID TO M/S. SHANKARNARAYANA CONSTRUCTION CO.</u>

The work of excavation for foundation of Almatti Dam from chainage 0.00 to 21.95 was let out to M/s Shankarnarayana Construction company. The cost of work put to tender was Rs.14,25,072/- and the cost as per tender was Rs.9,97,776/- their tender being the lowest working out to 29.93% less. The contractors in their letter dated 19.1.1965 addressed to the Executive Engineer have intimated that the quantities of excavation done by them under various classifications have exceeded the estimated quantity put to tender and as per clause 48(a) of the agreement the rates quoted by them are operative for the estimated quantity plus 10% of it only. Hence they have asked for some specific higher rates for the extra quantity of earth work. On negotiation by the Superintending Engineer with the contractor the contractor, it seems requested for payment of C.S.R. of Bijapur District plus 10% extra for the work in excess of tendered quantities <u>plus</u> 10% of it. It seems the contractors have also stated that unless the rates are settled it will be inconvenient to re-start the work after rainy season.

The Chief Engineer in his letter dated 22.11.65 addressed to Government has stated that in respect of the work equal to tendered quantity <u>plus</u> 10% the rates as quoted by the contractor in his tender have to be paid. But in respect of the quan-tities exceeding the estimated quantity <u>plus</u> 10% the contractor has to be paid the C.S.R. rates <u>minus</u> 29.98% as decided in several other similar cases; but

the contractors are not willing for such an offer. Hence orders of Government on this point have been sought for.

The matter had been placed before the Technical Sub committee of H.L.B.C. Board held on 24.11.65 and after detailed consideration the committee has made the following recommendations:-

" (1) For the quantities in excess of tendered quantity plus 10% the rates to be paid shall be the C.S.R. Rates minus / percentage quoted by the contractor.

(2) But may be paid tendered rates whichever the rates worked out as above are lower than the tendered rates.

(3) If this is not acceptable to the contractor, the work may be re-tendered."

The above recommendations of the Technical Sub-Committee was considered by the Board and the Board resolved as follows:-

> The recommendations of the Technical Sub-committee in respect of rates to be paid M/s Shankaranarayana Construction Company in respect of earth work excavation for foundations of Almatti Dam Chainage 0.00 to 21.96 for quantities exceeding estimate quantity plus 10% may be commended to Government for acceptance."

(Iii) HIDKAL DAM-RATES TO BE PAID FOR EXCAVATION FOR FOUNDATIONS ON THE LEFT AND RIGHT BANK OF THE MASONRY DAM EXECUTED WITHIN THE AGREED PERIOD, AS PER CLAUSE 48(a).

The Chief Engineer, Irrigation Projects in his letter dated 17.11.1965 addressed to Government has reported that the earth work excavation for foundation on the Left and Right Bank of Hidkal Dam was let out to M/s Canara Construction Company, V.T.Thomas and company, Karnatak Construction Company on their tendered rates. The stipulated period was (12 months) for completion of the work and the work on the left bank was started on 1.9.63 and that on the Right Bank on 1.10.63. It is reported that out of the 4 items put to tender only excavation for the foundation in different strata has been got executed. The quantity of work executed under under excavation has exceeded beyond tendered quantity plus 10% by almost all the agencies either within or beyond the agreed period. According to clause 48(a) of the agreement, excavation quantities over the estimated quantities plus 10% the rates are to be mutually agreed upon between the contractors and the department inasmuch as the quantities executed by the these contractors has exceeded the esti-

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quantity plus 10% within the agreed period also the rates for the quantities have to be decided in consideration of clause 48(a). Hence in consideration of the decision taken in similar cases in the M.I.P.C.Board previously and also the delay involved in taking a final decision with regard to the type of Dam proposed to be constructed the Chief Engineer has recommended to Government requesting orders on the following:-

(i) Payment of C.S.R. of 1964-65 Minus the percentage below C.S.R. offered and accepted at the time of acceptance of the original tender, for the quantities done in excess of tendered quantity plus 10% within the agreed period.

(ii) Payment of tendered rates in case the tendered rate is higher within the C.S.R. of 1964-65 Minus the percentage below the C.S.R. offered and accepted at the time of acceptance of original tender for the quantities done in excess of tendered quantity plus 10% within the agreed period.

iii) Payment of C.S.R. 1964-65 in case the percentage quoted at the time of acceptance of the original tenders is above the estimated rates for quantities done in excess of tendered quantity plus 10% within the agreed period."

The above proposal of the Chief Engineer has been placed before the Technical Sub Committee of M.I.P.C. Board held on 24th November, 1965. The Technical Sub-Committee after due consideration of the proposals passed the following resolutions:-

" The recommendations made by the Chief Engineer (I.P.) as under are approved and recommended to Government.

(a) Payment of C.S.R. of 1964-65 Minus the percentage below the schedule of rates offered and accepted at the time of acceptance of the original tenders for the quantities done in excess of tendered quantity plus10% within the agreed period.

(b) Payment of tendered rates in case the tendered rate is higher than the C.S.R of 1964-65 Minus the percentage below the S.R. rates offered and accepted at the time of acceptances of the original tenders for the quantities done in excess of tendered quantity plus 10% within the agreed period."

(c) (see below).

The above recommendations of the Technical Sub-Committee have been considered by the Board on 2.12.1965 and the following resolutions have been passed:-

(c) Payment of C.S.R. of 1964-65 in case the percentage quoted at the time of acceptance of the 12
original tenders above the estimated rates for quantities done in excess of tendered quantity plus 10% within the agreed period."

" The recommendation of the Technical Sub-Committee regarding payment of rates to the contractors in respect of earth work excavation for foundations of Hidkal Dam for quantities in excess of tendered quantities plus 10% within the agreed period have been approved and recommended to Government for acceptance.".

GENERAL:

While considering the above subject the Chairman enquired whether it would not be possible to do such works on piece work system. The Chief Engineer (I.P.) and the Secretary, P.W.D. explained that any works of smaller magnitude where it will be possible to split up works and entrust it to several small contractors, it would be profitable to adopt piece work system. But in respect of works of bigger magnitude where adoption of some machinery is required it would not be possible to execute the works on piece work system as that system has got some inherent defects in its applications for works of bigger magnitude; as it is likely to delay completion of the work. However, the Chairman desired that:

" The Board to lay down certain rules in respect of giving works on piece work system subject to certain conditions."

(2) The Chairman enquired as to what happened to the report of the Committee appointed to study the problem of construction of pre-fabricated huts/houses. He was informed that the report of the committee was not yet finalised. The Chairman desired that it should be finalised early and further action taken in the matter.

M Channappa

(M. CHANNAPPA),
DEPUTY SECRETARY TO GOVERNMENT, P.W.D
& EX-OFFICIO SECRETARY, M.I.P.C.
BOARD.

SvR

Appendix F. G.– 1]

SUBJECT Terms of reference of the Major Irrigation projects Central Board

Diary No. of letter replied to..... .....

Mysore Government Secretariat.

( )

the *196*

Date of issue.....

Signed by..... ....

Section

File No.

Serial No.

No. Part) 25 mm 966

To

The chief Engineer
Irrigation projects
Bangalore

Sir,

Ref: your letters No 18/P dated 16.4.1966 and 61/P dated 16.5.66. P(1)/NT

W/R to the Communications cited,

I am directed to state that in the opinion of the Govt TIPC Board ~~the T.I.P.C Board need not~~ and its Technical Subcommittee need not generally be entrusted with the medium Irrign. projects. But whenever a complicated issues of Technical nature relating to Medium Irrign. projects ~~could be referred however~~ Come up before Govt for decision, ~~Such a consultation is~~ it is felt necessary to consult the TIPC Board & the Tech

4 Spare copies please

examination of matters relating to

List of enclosures.....

Copied by.....

Examined by..... to the Board

WD 012116—GPB—4,00,000—7-3-63

~~considered necessary by Govt.~~

Sub-committee.

~~the above position may be~~
~~made clear to the Sales~~
~~under Reference~~

y. 7.

~~under secretary to Govt. Prod.~~

13/6

13/6/66.

Copy to Govt Section Dy. No. 6 dtd 7 GBH 66.
dy 15.1.66.

GOVERNMENT OF MYSORE.

Mysore Government Secretariat,
'Vidhana Soudha',
Bangalore, dated 20th June '66.

No.PWD 25 MMI 66.

From

The Secretary to Govt. of Mysore,
Public Works & Electy. Dept.,
BANGALORE.

To

The Chief Engineer,
Irrigation Projects,
BANGALORE.

Sir,

Sub:- Terms of reference of the Major Irrigation Projects Control Board.

Ref:- Your letters No.18/p. dated 16-4-1966 and 61/P. dated 16-5-66.

-===-

With reference to the communications cited. I am directed to state that in the opinion of the Government Major Irrigation Projects Control Board and its Technical Sub-Committee need not generally be entrusted with the examination of matters relating to Medium Irrigation Projects. But whenever complicated issues of a Technical nature relating to Medium Irrigation Projects come up before Government for decision, it is felt necessary to consult the Major Irrigation Projects Control Board and the Technical Sub-Committe.

Yours faithfully,

(S.K.Mohan)
Under Secretary to Government,
P.W.D(Technical).

Copy to G.I.Section with reference to PWD 7 SBH 64, dated 15-1-65.

Scb

GOVERNMENT OF MYSORE.

Mysore Government Secretariat,
'Vidhana Soudha',
Bangalore. dated 28th June '66.

No.PWD 25 LMI 66.

From

The Secretary to Govt. of Mysore,
Public Works & Electy. Dept.
BANGALORE

To

The Chief Engineer,
Irrigation Projects,
BANGALORE.

Sir

Sub:- Terms of reference of the Major Irrigation Projects Control Board.

Ref:- Your letters No.18/p. dated 16-4-1966 and 61/P. dated 16-5-66.

With reference to the communications cited, I am directed to state that in the opinion of the Government Major Irrigation Projects Control Board and its Technical Sub-Committee need not generally be entrusted with the examination of matters relating to Medium Irrigation Projects. But whenever complicated issues of a Technical nature relating to Medium Irrigation Projects come up before Government for decision, it is felt necessary to consult the Major Irrigation Projects Control Board and the Technical Sub-Committe

Yours faithfully,

(S.K.Mohan)
Under Secretary to Government,
P.W.D(Technical).

Copy to G.I.Section with reference to PWD 7 BBH 64, dated 15-1-65.

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